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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty Docket

GERARDUS C.P. LOKHOFF —

PHN 13,241

Serial No. 07/532,462 —

Group Art Unit 2603

Filed: June 1, 1990 —

Examiner D. Ton

DIGITAL TRANSMISSION SYSTEM, TRANSMITTER AND RECEIVER FOR USE
IN THE TRANSMISSION SYSTEM, AND RECORD CARRIER OBTAINED BY
MEANS OF THE TRANSMITTER IN THE FORM OF A RECORDING DEVICE

RECEIVED

#9C

AUG 26 1992

IN THE CLAIMS

Group 260

follows:

24.

30. A transmitter for transmitting wide-band digital information having a sample frequency F_s via a transmission medium, comprising:

an input terminal for receiving said information to be transmitted, in the form of a first digital signal,

an output, and

a signal source, having an input coupled to said input terminal, for generating and supplying to said output a second digital signal which includes said information, said second digital signal comprising consecutive frames, each frame comprising a plurality of information packets, and each information packet comprising N bits, where $N > 1$,

characterized in that, in the formula

$$P = \frac{BR}{N} \times \frac{n_s}{F_s}$$

where BR is the bit rate of said second digital signal, and n_s is the ^{average} number of samples of said information whose corresponding information in said second signal is included in one frame of said second signal,

if P is an integer, the number of information packets in one frame is P , and

if P is not an integer, the number of information packets in a number B of the frames is P' , where P' is the

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